

ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

| Title of Invention | System for Adjusting Frequency of Electrical Output Pulses Derived from an Oscillator | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|--|--------------|--------------------------|-------------------|-----------|--------------|---|------------|--------------------|-------------|--|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|--------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|----------------|--------------------|-----|------------|----------------|--------------------|------|------------|----------------|--------------------|-------|------------|------------------|----------|-------|------------|------------------|----------------------|-------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|--------|------------|------------------|------------|------|------------|------------------|------------|------|------------|------------------|------------|------|------------|------------------|------------|------|------------|------------------|------------|------|------------|------------------|------------|------|------------|------------------|-----------|------|------------|
| Submission Type : | Utility Patent Filing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 10/711648  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EFS ID: | 69535 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Server Response: | <table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>5647</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td></tr></tbody></table> | | | Confirmation Code | Message | ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1 | 5647 | USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirmation Code | Message | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ISVR1 | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICON1 | 5647 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| USPTOEFSNot | For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| First Named Applicant: | David Bartholomew | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Attorney Docket Number: | 66.0070 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Timestamp: | 2004-09-29 15:51:30 EDT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| From: | US | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| File Listing: | <table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-request</td><td>66-0070-usrequ.xml</td><td>1466</td><td>2004-09-29</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-09-29</td></tr><tr><td>us-request</td><td>us-request.xls</td><td>33904</td><td>2004-09-29</td></tr><tr><td>us-fee-sheet</td><td>66-0070-usfees.xml</td><td>1685</td><td>2004-09-29</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xls</td><td>24912</td><td>2004-09-29</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-09-29</td></tr><tr><td>us-declaration</td><td>66-0070-usdecl.xml</td><td>733</td><td>2004-09-29</td></tr><tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2004-09-29</td></tr><tr><td>us-declaration</td><td>us-declaration.xls</td><td>10015</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>ABX1.xml</td><td>39370</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image1.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image2.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image3.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image4.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image5.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>image6.tif</td><td>820603</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamsa.ent</td><td>5191</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamsb.ent</td><td>3988</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamsc.ent</td><td>1460</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamsn.ent</td><td>5620</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamso.ent</td><td>1934</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>soamsr.ent</td><td>7073</td><td>2004-09-29</td></tr><tr><td>application-body</td><td>sobox.ent</td><td>3568</td><td>2004-09-29</td></tr></tbody></table> | | | Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | us-request | 66-0070-usrequ.xml | 1466 | 2004-09-29 | us-request | us-request.dtd | 19064 | 2004-09-29 | us-request | us-request.xls | 33904 | 2004-09-29 | us-fee-sheet | 66-0070-usfees.xml | 1685 | 2004-09-29 | us-fee-sheet | us-fee-sheet.xls | 24912 | 2004-09-29 | us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-09-29 | us-declaration | 66-0070-usdecl.xml | 733 | 2004-09-29 | us-declaration | us-declaration.dtd | 3833 | 2004-09-29 | us-declaration | us-declaration.xls | 10015 | 2004-09-29 | application-body | ABX1.xml | 39370 | 2004-09-29 | application-body | application-body.dtd | 49498 | 2004-09-29 | application-body | image1.tif | 820603 | 2004-09-29 | application-body | image2.tif | 820603 | 2004-09-29 | application-body | image3.tif | 820603 | 2004-09-29 | application-body | image4.tif | 820603 | 2004-09-29 | application-body | image5.tif | 820603 | 2004-09-29 | application-body | image6.tif | 820603 | 2004-09-29 | application-body | soamsa.ent | 5191 | 2004-09-29 | application-body | soamsb.ent | 3988 | 2004-09-29 | application-body | soamsc.ent | 1460 | 2004-09-29 | application-body | soamsn.ent | 5620 | 2004-09-29 | application-body | soamso.ent | 1934 | 2004-09-29 | application-body | soamsr.ent | 7073 | 2004-09-29 | application-body | sobox.ent | 3568 | 2004-09-29 |
| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | 66-0070-usrequ.xml | 1466 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.dtd | 19064 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-request | us-request.xls | 33904 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | 66-0070-usfees.xml | 1685 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.xls | 24912 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | 66-0070-usdecl.xml | 733 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | us-declaration.dtd | 3833 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| us-declaration | us-declaration.xls | 10015 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | ABX1.xml | 39370 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | application-body.dtd | 49498 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image1.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image2.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image3.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image4.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image5.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | image6.tif | 820603 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamsa.ent | 5191 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamsb.ent | 3988 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamsc.ent | 1460 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamsn.ent | 5620 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamso.ent | 1934 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | soamsr.ent | 7073 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| application-body | sobox.ent | 3568 | 2004-09-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Doc. Name | File Name | Size (Bytes) | Date Produced (yyyymmdd) |
|---------------------------|-------------------------|--------------|--------------------------|
| application-body | socyr1.ent | 5345 | 2004-09-29 |
| application-body | socyr2.ent | 2504 | 2004-09-29 |
| application-body | solida.ent | 1508 | 2004-09-29 |
| application-body | sogrk1.ent | 4030 | 2004-09-29 |
| application-body | sogrk2.ent | 2259 | 2004-09-29 |
| application-body | sogrk3.ent | 3559 | 2004-09-29 |
| application-body | sogrk4.ent | 1920 | 2004-09-29 |
| application-body | solat1.ent | 5282 | 2004-09-29 |
| application-body | soltz1.ent | 9007 | 2004-09-29 |
| application-body | somfrk.ent | 4553 | 2004-09-29 |
| application-body | somopf.ent | 2571 | 2004-09-29 |
| application-body | somscr.ent | 4628 | 2004-09-29 |
| application-body | sonum.ent | 5913 | 2004-09-29 |
| application-body | isopub.ent | 6621 | 2004-09-29 |
| application-body | isotech.ent | 5268 | 2004-09-29 |
| application-body | mathml2.dtd | 54588 | 2004-09-29 |
| application-body | mathml2-qname-1.mod | 13225 | 2004-09-29 |
| application-body | mmlalias.ent | 38209 | 2004-09-29 |
| application-body | mmlextra.ent | 7901 | 2004-09-29 |
| application-body | soextbx.dtd | 12870 | 2004-09-29 |
| application-body | us-application-body.xsl | 82504 | 2004-09-29 |
| application-body | wipo.ent | 4958 | 2004-09-29 |
| application-body-pdf-wrap | ABX1-pdf-wrap.xml | 721 | 2004-09-29 |
| abstract-pdf | ABX1-abst.pdf | 12805 | 2004-09-29 |
| claims-pdf | ABX1-clms.pdf | 25896 | 2004-09-29 |
| description-pdf | ABX1-desc.pdf | 65154 | 2004-09-29 |
| drawings-pdf | ABX1-draw.pdf | 83659 | 2004-09-29 |
| package-data | 66-0070-pkda.xml | 9141 | 2004-09-29 |
| package-data | package-data.dtd | 27025 | 2004-09-29 |
| package-data | us-package-data.xml | 19263 | 2004-09-29 |
| Total files size | | | 5670886 |

Message Digest:

ead65060f0b080e4df14a67da19267cc47e653e7

Digital Certificate Holder
Name:

cn=Jeffery Daly,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US